

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029804.D
 Acq On : 25 Jun 2022 07:00
 Operator : JC/MD
 Sample : N3386-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220616

Quant Time: Jun 25 09:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

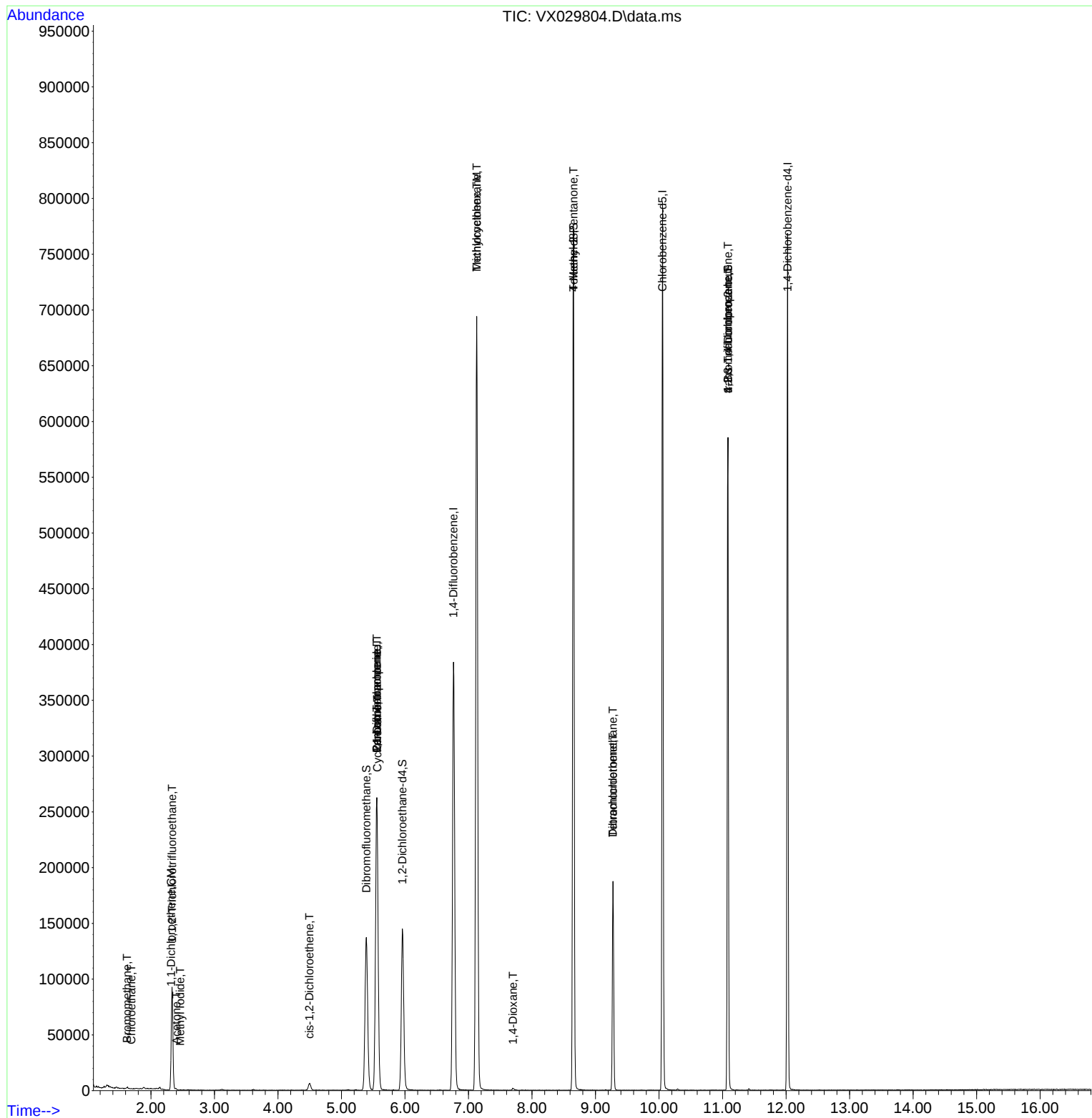
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	254122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136683	40.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.260%
35) Dibromofluoromethane	5.391	113	124097	45.001	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	8.653	98	471509	46.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	11.085	95	170851	44.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	461	0.296	ug/l	98
6) Chloroethane	1.691	64	170	1.362	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	36322	13.621	ug/l	99
10) Methyl Iodide	2.459	142	296	3.109	ug/l #	70
11) Tert butyl alcohol	2.995	59	48	Below Cal	#	72
12) 1,1-Dichloroethene	2.318	96	838	0.326	ug/l #	91
16) Acetone	2.398	43	624	0.465	ug/l #	79
27) cis-1,2-Dichloroethene	4.495	96	4603	1.400	ug/l	78
31) Cyclohexane	5.562	56	4138	0.916	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	18622	4.989	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25467	6.939	ug/l #	16
39) Methylcyclohexane	7.129	83	3065	0.659	ug/l #	1
44) Trichloroethene	7.129	130	282968	91.190	ug/l	97
49) 1,4-Dioxane	7.702	88	1797	23.895	ug/l #	86
51) 4-Methyl-2-Pentanone	8.653	43	1771	0.462	ug/l #	1
60) Dibromochloromethane	9.275	129	35663	12.824	ug/l #	9
64) Tetrachloroethene	9.275	164	35689	13.363	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	80323	23.081	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80323	76.785	ug/l #	15

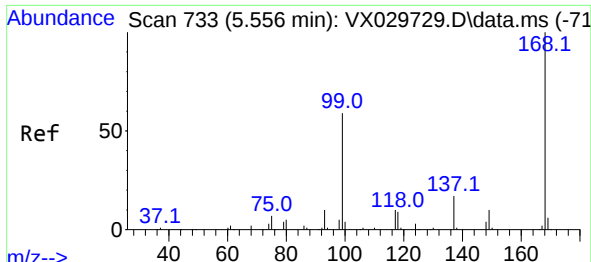
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX029804.D
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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :
RE134D2-20220616

Quant Time: Jun 25 09:06:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

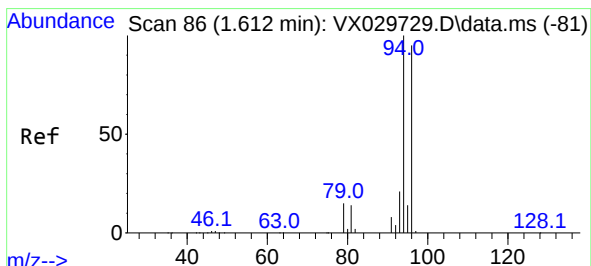
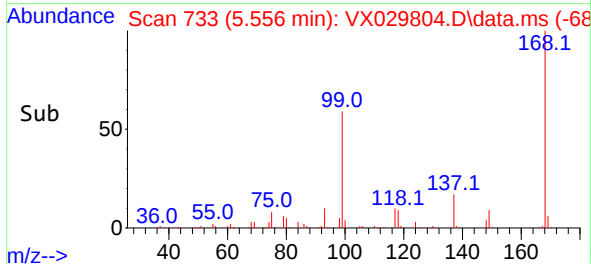
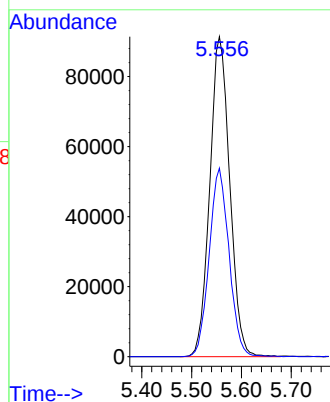
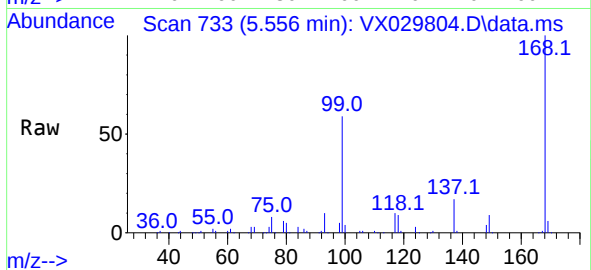




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

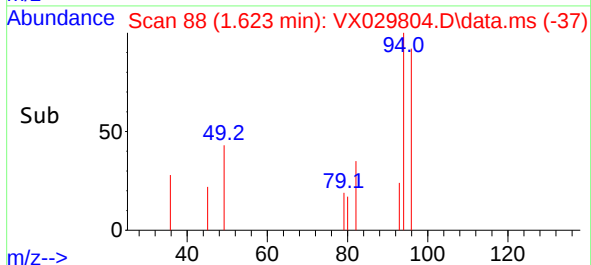
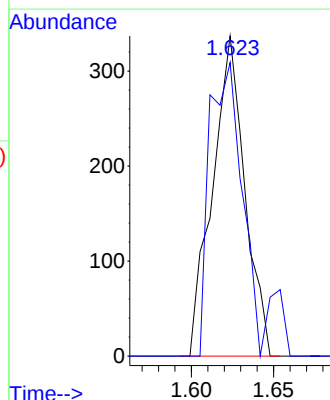
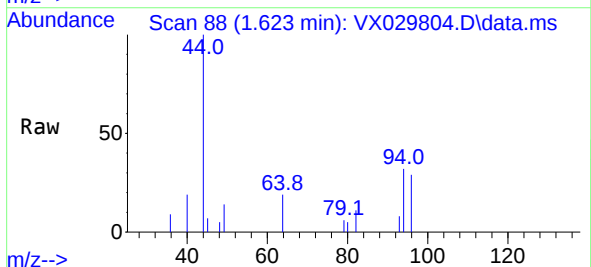
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

Tgt Ion:168 Resp: 254122
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5

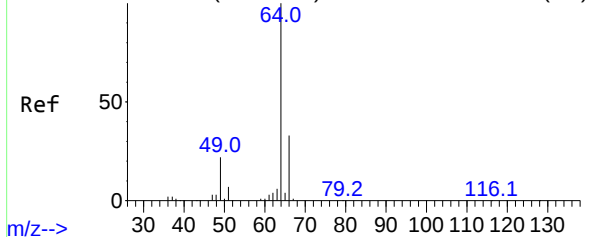


#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 91.7 75.3 112.9



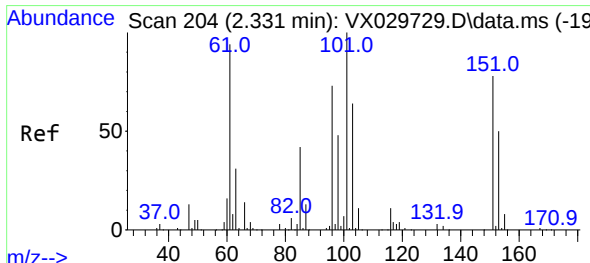
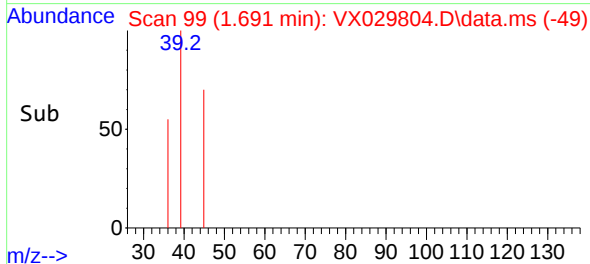
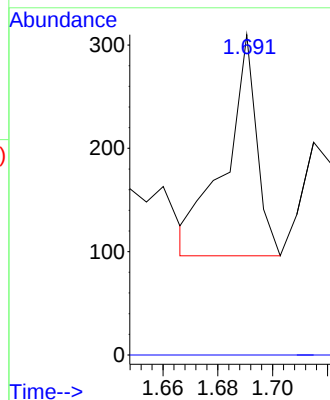
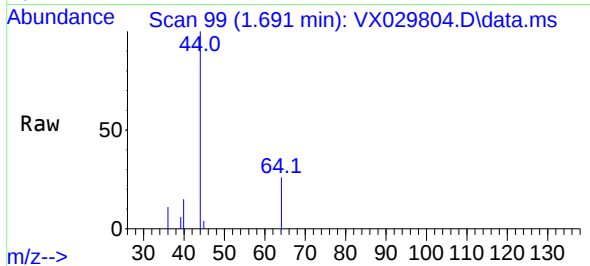
Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6
Chloroethane
Concen: 1.362 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

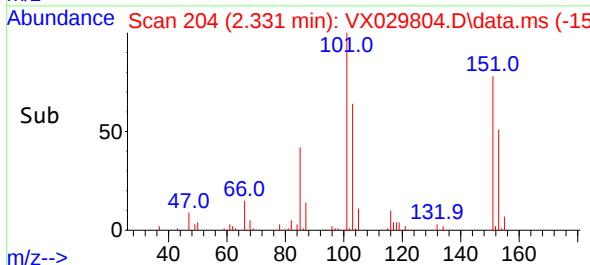
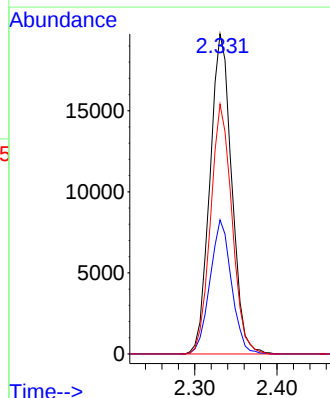
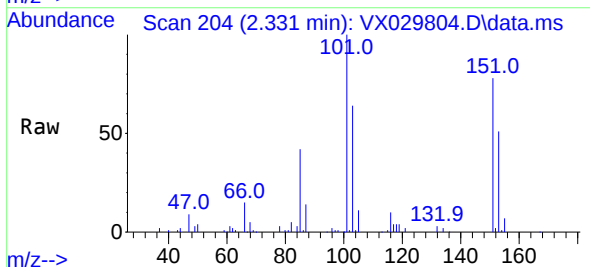
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

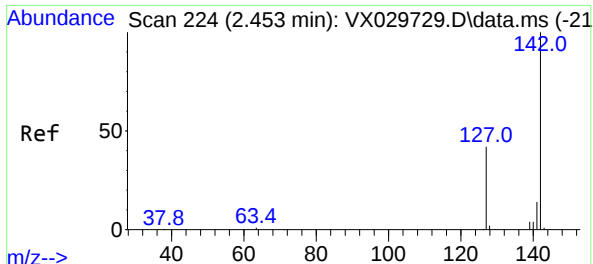
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.621 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 101 Resp: 36322
Ion Ratio Lower Upper
101 100
85 41.3 33.5 50.3
151 76.8 61.8 92.6

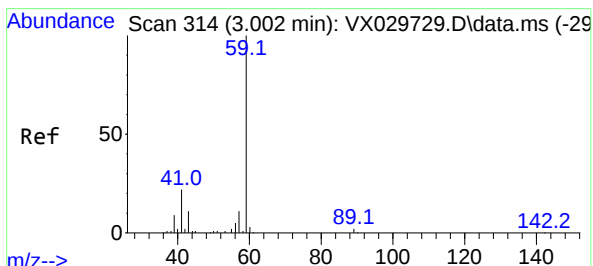
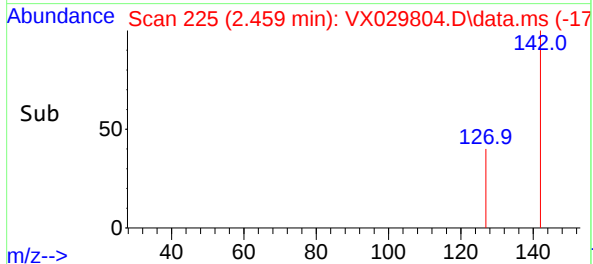
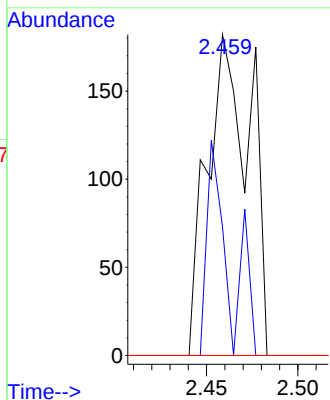
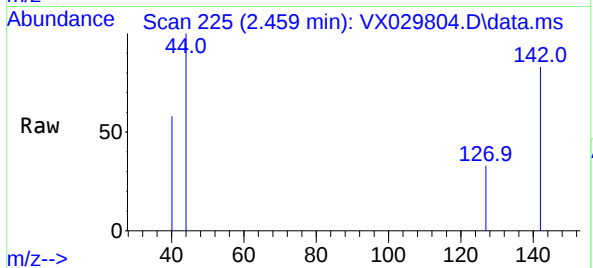




#10
Methyl Iodide
Concen: 3.109 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

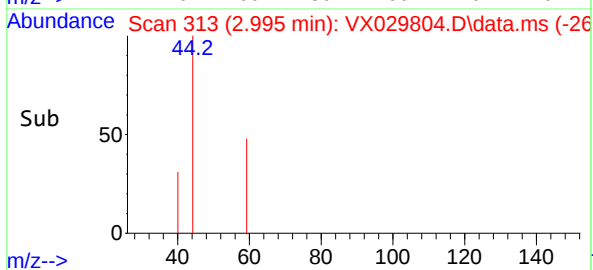
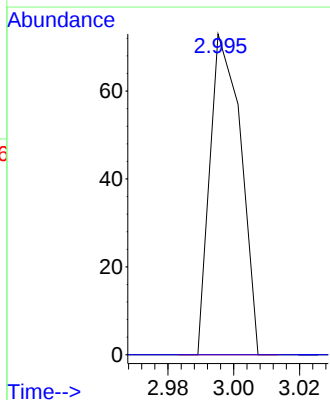
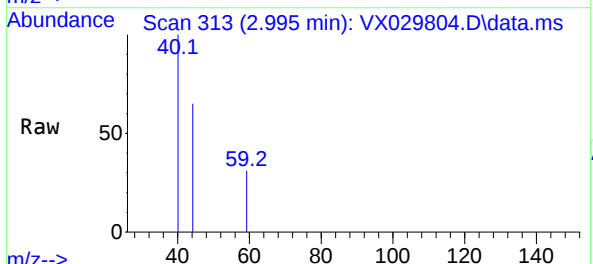
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

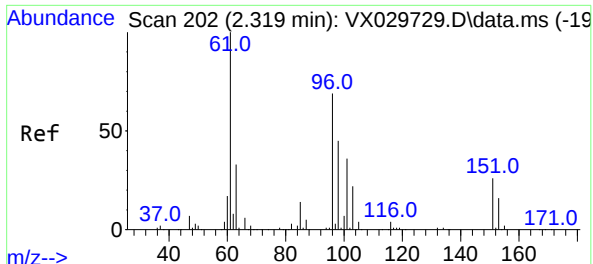
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 24.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.012 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

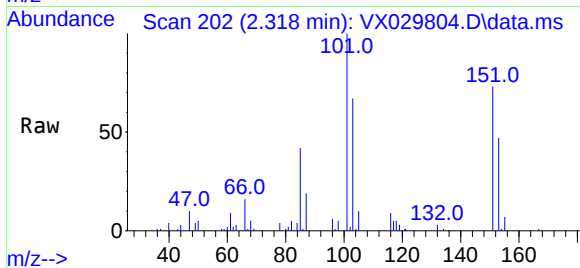
Tgt Ion: 59 Resp: 48
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



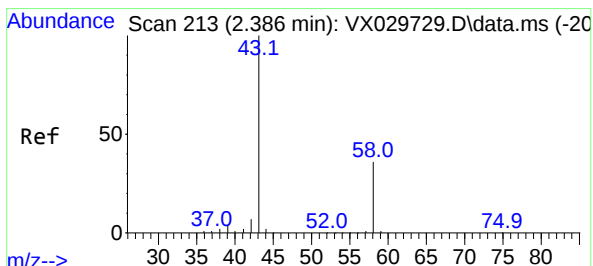
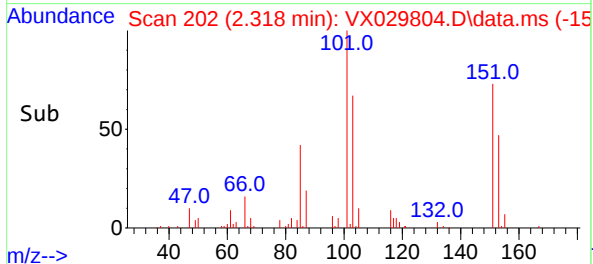
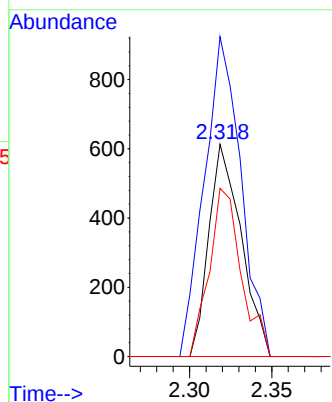


#12
1,1-Dichloroethene
Concen: 0.326 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

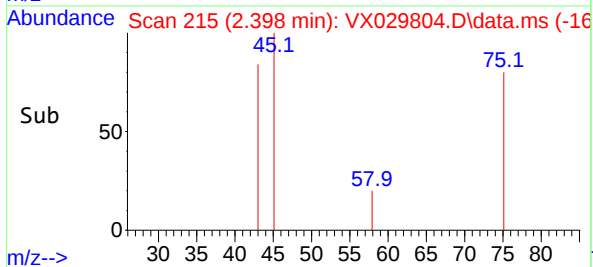
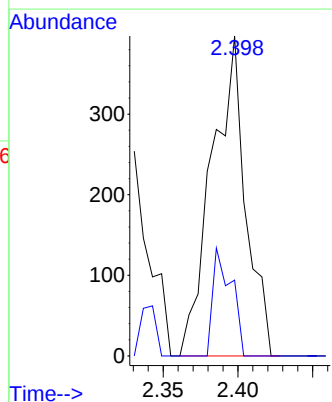
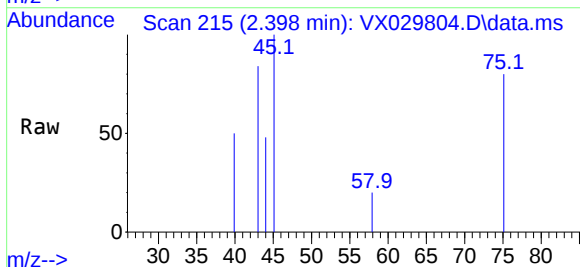


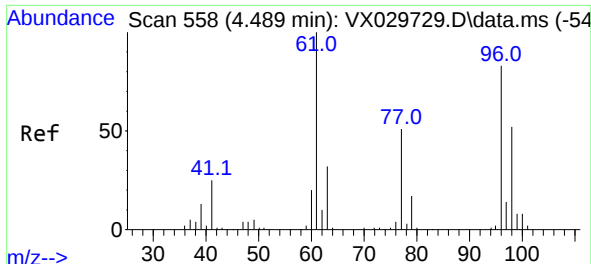
Tgt Ion: 96 Resp: 838
Ion Ratio Lower Upper
96 100
61 150.7 124.6 187.0
98 79.3 51.0 76.4#



#16
Acetone
Concen: 0.465 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 23.7 28.8 43.2#



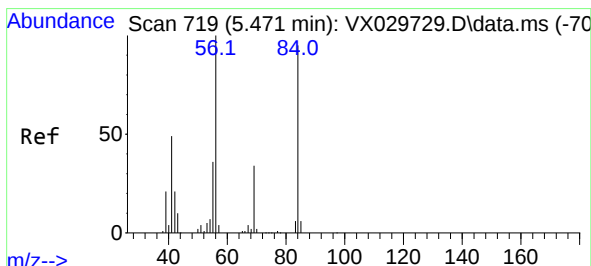
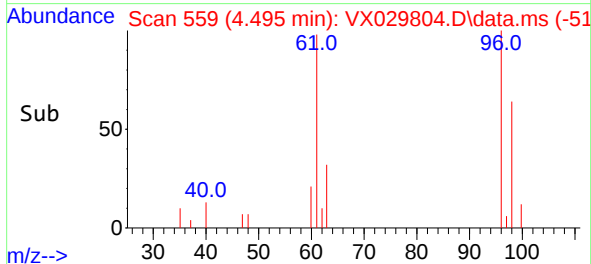
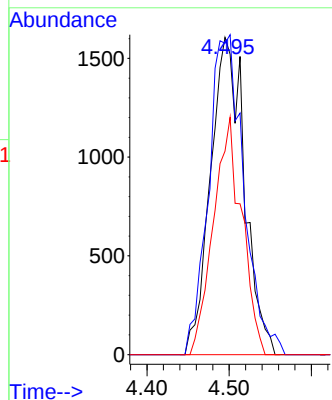
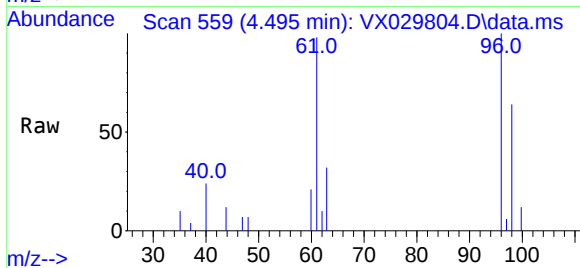


#27
cis-1,2-Dichloroethene
Concen: 1.400 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

Tgt Ion: 96 Resp: 4603

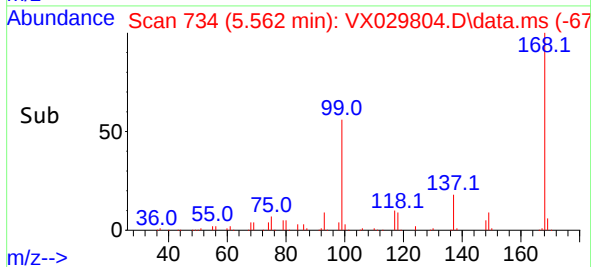
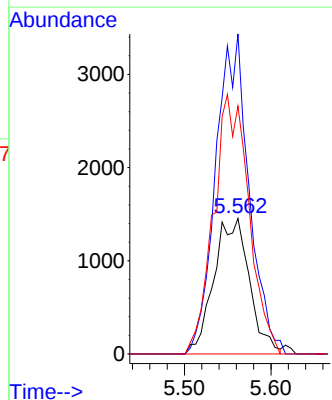
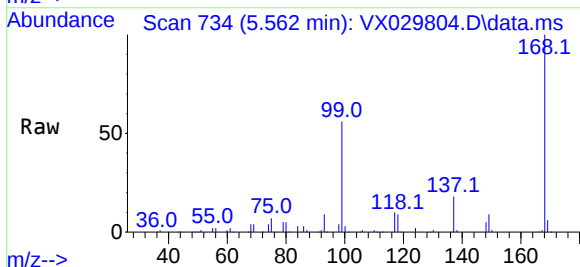
Ion	Ratio	Lower	Upper
96	100		
61	104.5	0.0	283.8
98	62.7	0.0	129.8

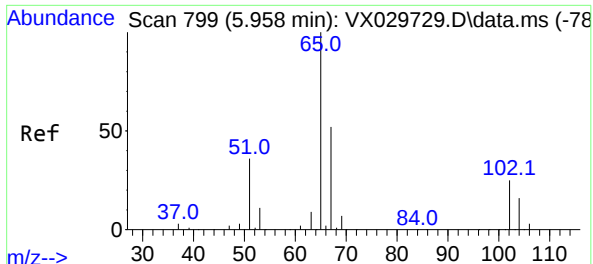


#31
Cyclohexane
Concen: 0.916 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 56 Resp: 4138

Ion	Ratio	Lower	Upper
56	100		
69	236.0	26.7	40.1#
84	182.7	77.2	115.8#

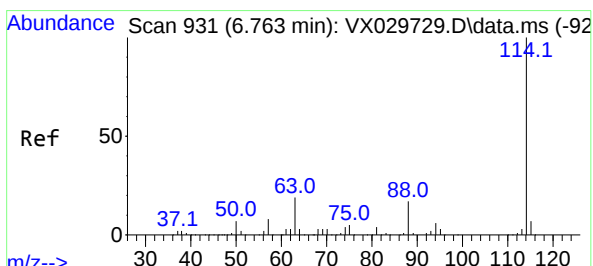
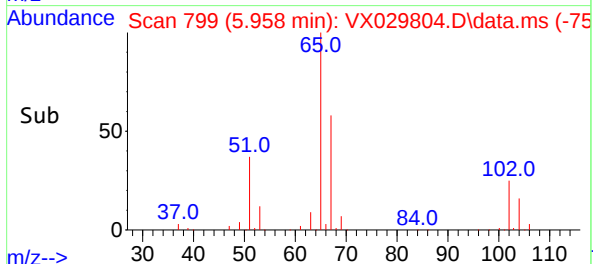
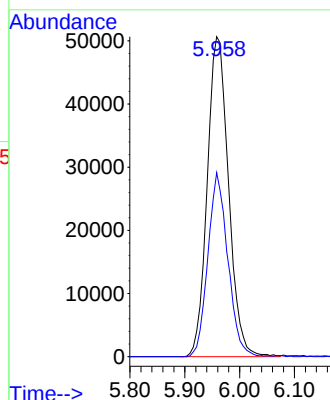
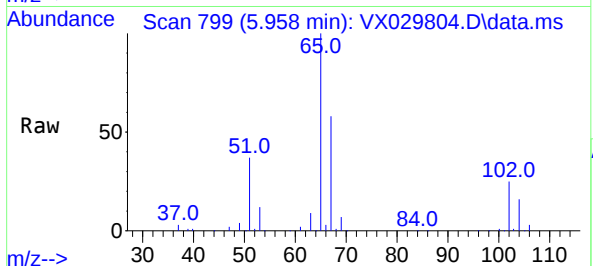




#33
 1,2-Dichloroethane-d4
 Concen: 40.633 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029804.D
 Acq: 25 Jun 2022 07:00

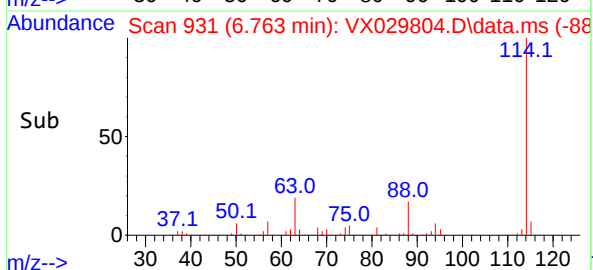
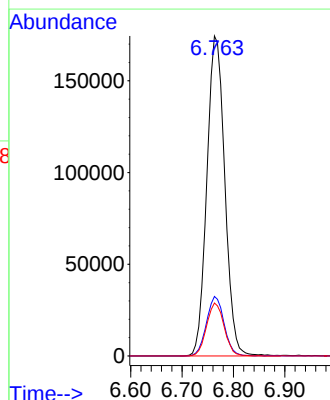
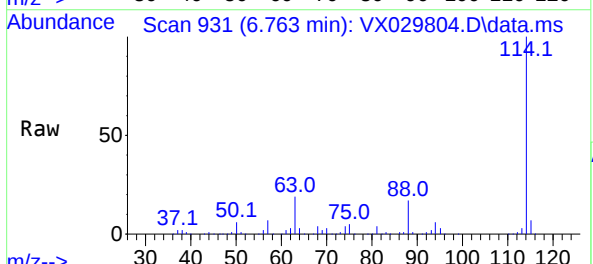
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220616

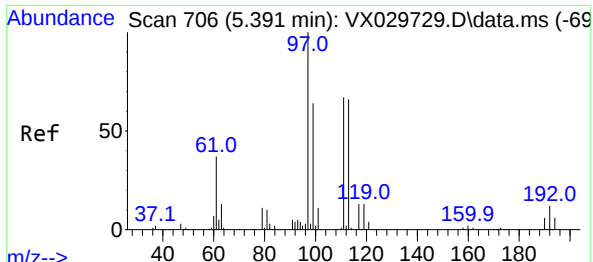
Tgt Ion: 65 Resp: 136683
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029804.D
 Acq: 25 Jun 2022 07:00

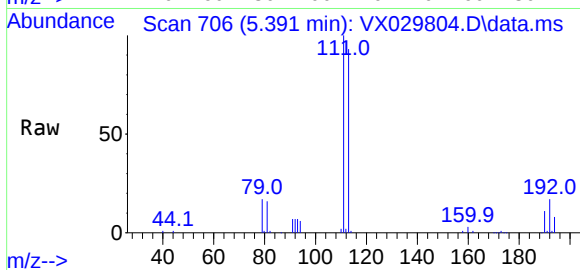
Tgt Ion: 114 Resp: 423158
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 16.6 0.0 32.4



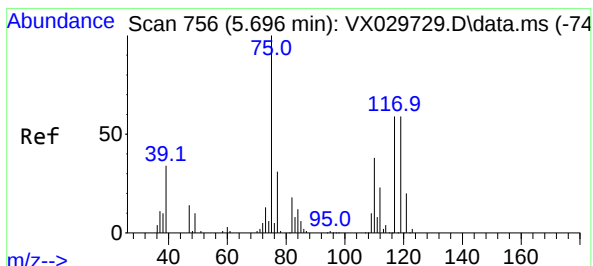
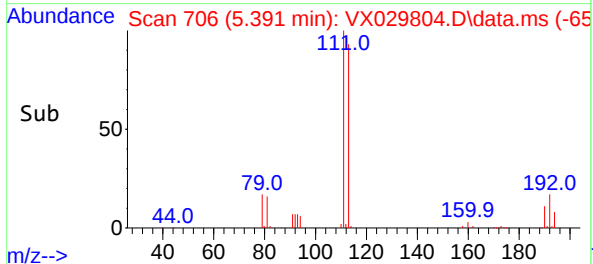
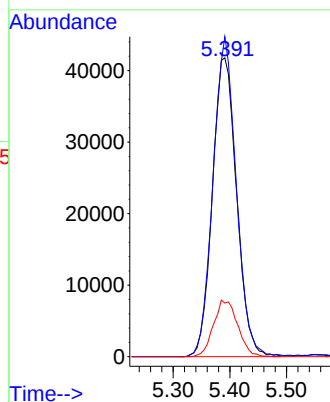


#35
Dibromofluoromethane
Concen: 45.001 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

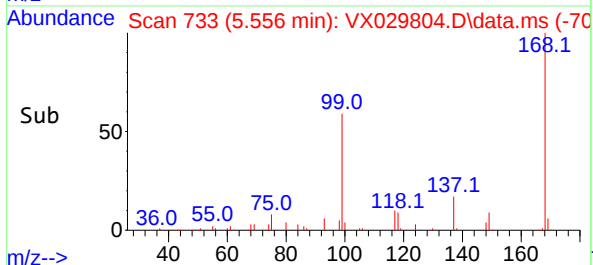
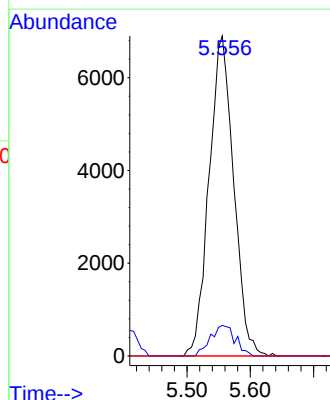
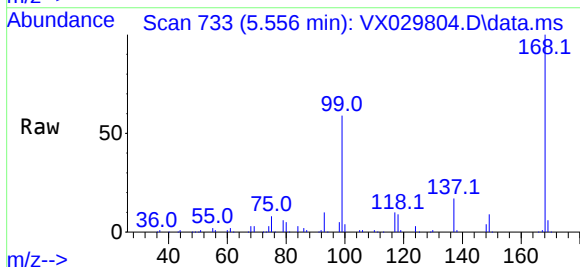


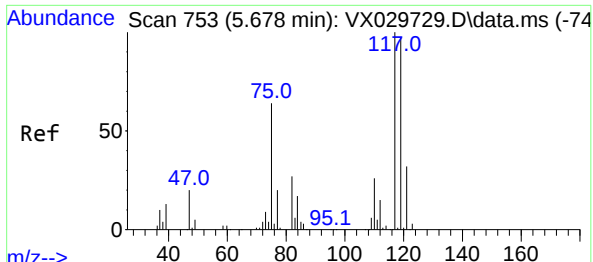
Tgt Ion:113 Resp: 124097
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

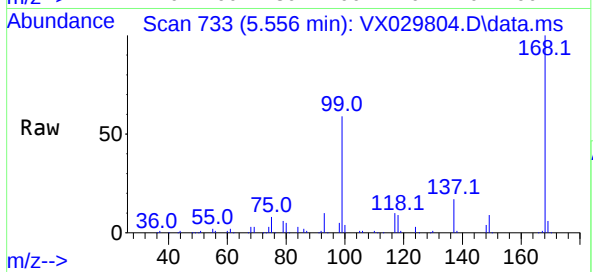
Tgt Ion: 75 Resp: 18622
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



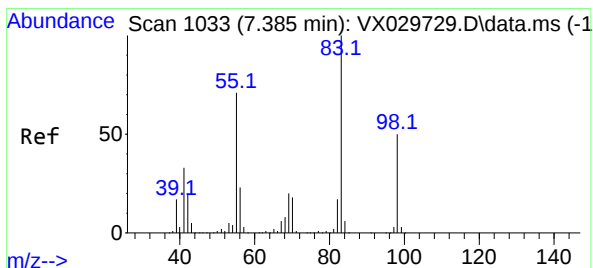
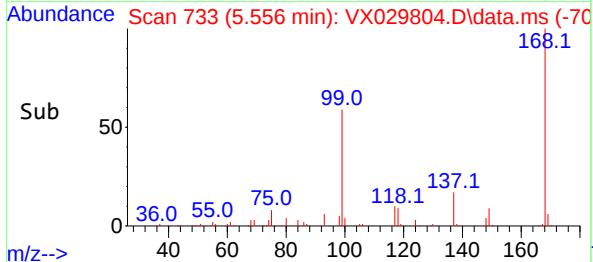
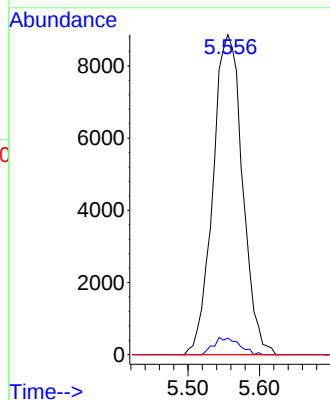


#38
Carbon Tetrachloride
Concen: 6.939 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

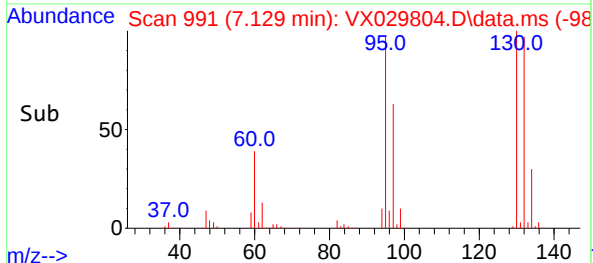
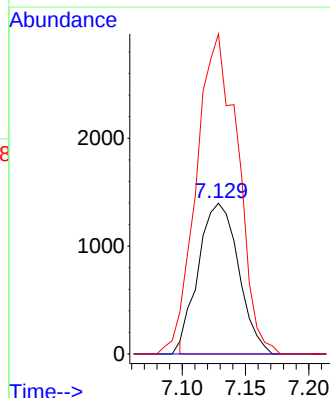
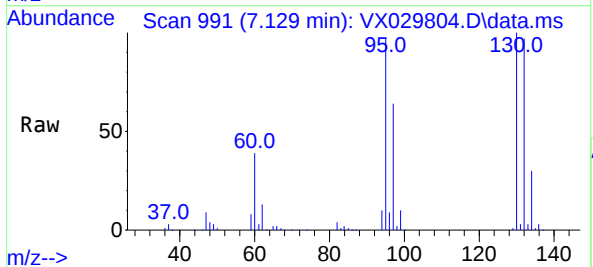


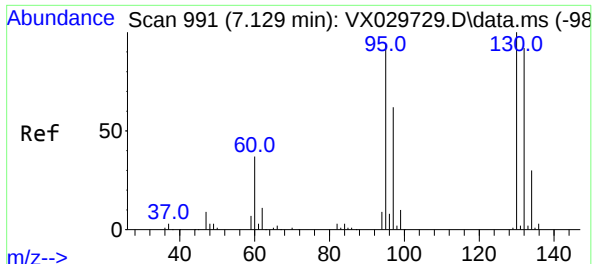
Tgt Ion:117 Resp: 25467
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.659 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 83 Resp: 3065
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 212.4 37.4 56.2#

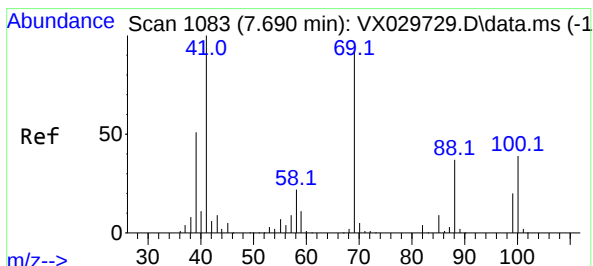
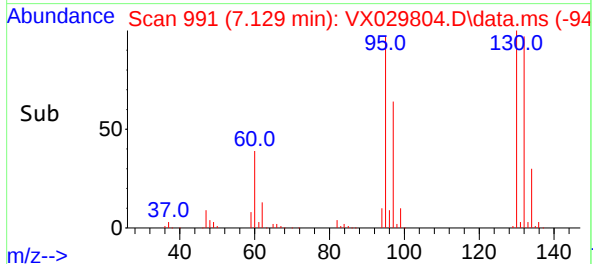
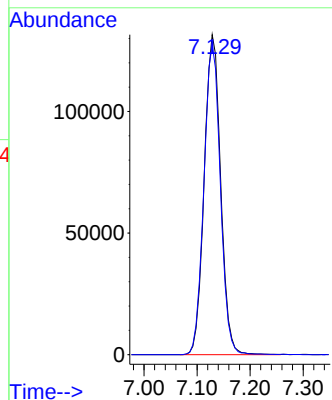
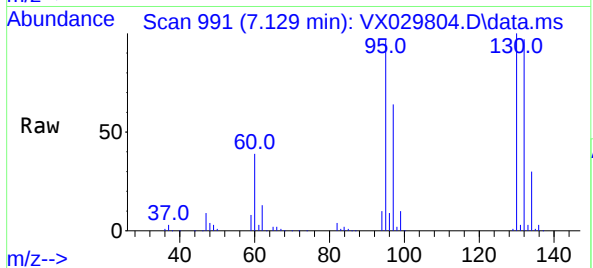




#44
Trichloroethene
Concen: 91.190 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

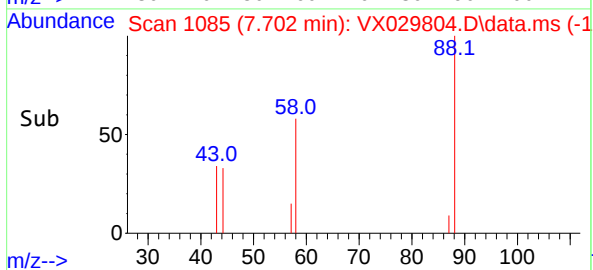
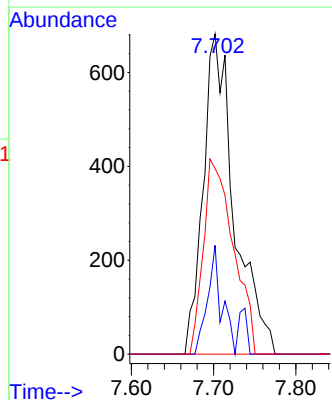
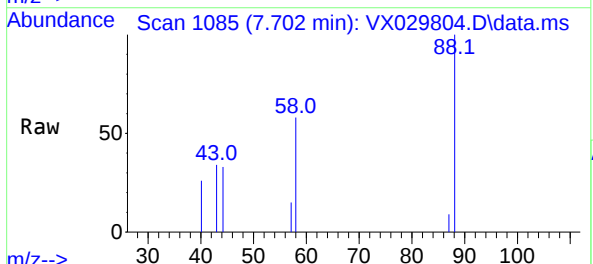
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

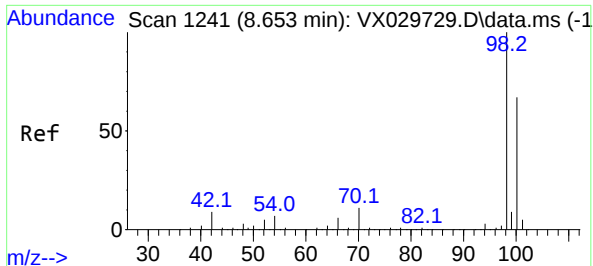
Tgt Ion:130 Resp: 282968
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.8



#49
1,4-Dioxane
Concen: 23.895 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.018 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Tgt Ion: 88 Resp: 1797
Ion Ratio Lower Upper
88 100
43 15.5 21.9 32.9#
58 58.7 53.7 80.5





#50

Toluene-d8

Concen: 46.803 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029804.D

Acq: 25 Jun 2022 07:00

Instrument :

MSVOA_X

ClientSampleId :

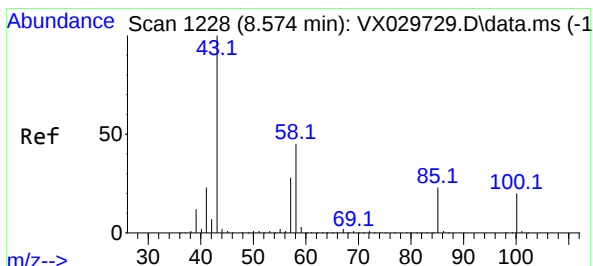
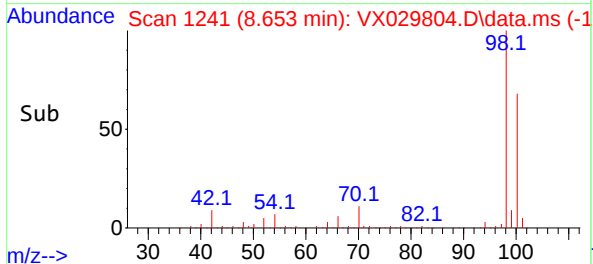
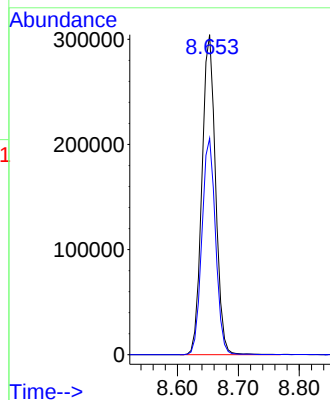
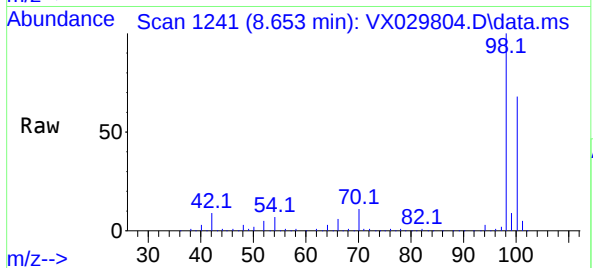
RE134D2-20220616

Tgt Ion: 98 Resp: 471509

Ion Ratio Lower Upper

98 100

100 67.9 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.462 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029804.D

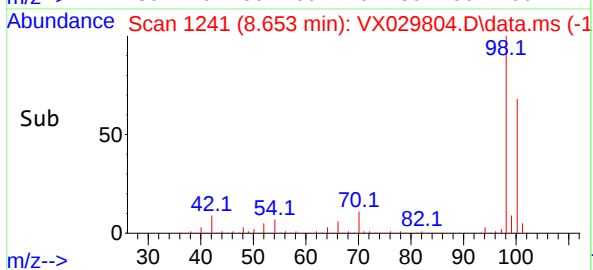
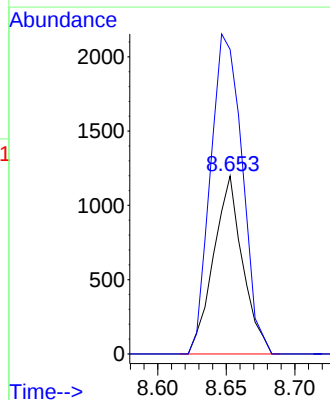
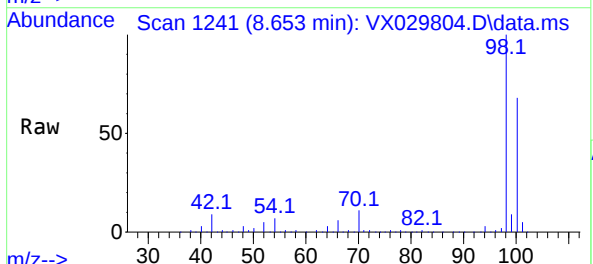
Acq: 25 Jun 2022 07:00

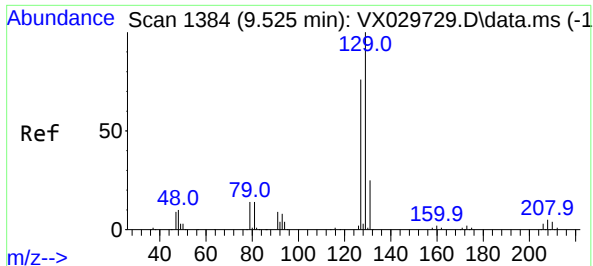
Tgt Ion: 43 Resp: 1771

Ion Ratio Lower Upper

43 100

58 196.2 36.1 54.1#





#60

Dibromochloromethane

Concen: 12.824 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX029804.D

Acq: 25 Jun 2022 07:00

Instrument :

MSVOA_X

ClientSampleId :

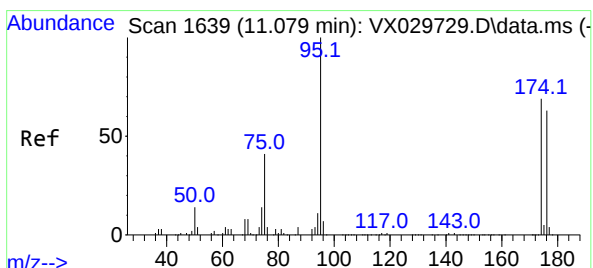
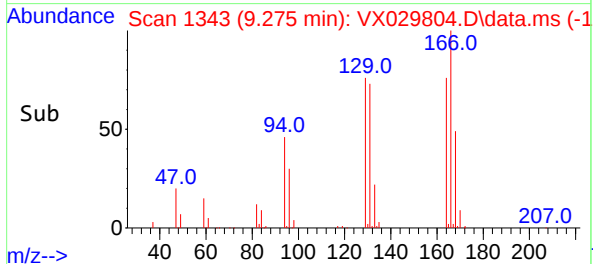
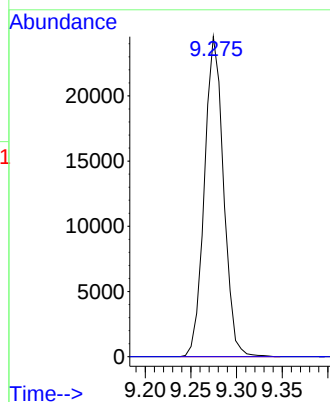
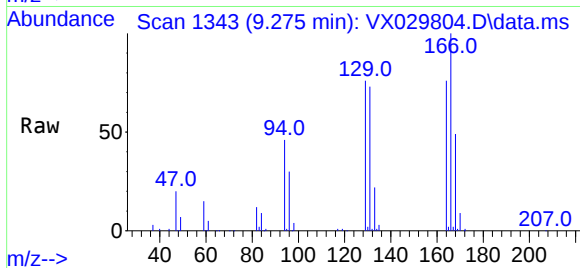
RE134D2-20220616

Tgt Ion:129 Resp: 35663

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#



#62

4-Bromofluorobenzene

Concen: 44.971 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029804.D

Acq: 25 Jun 2022 07:00

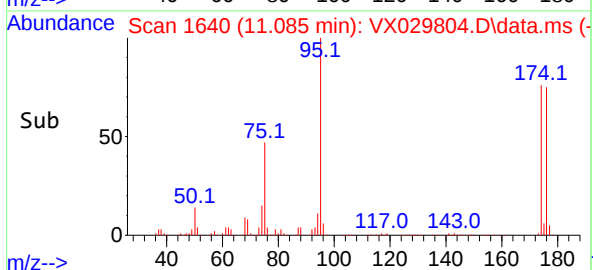
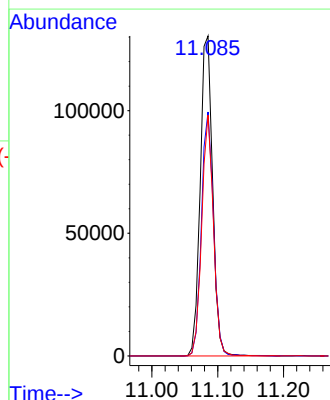
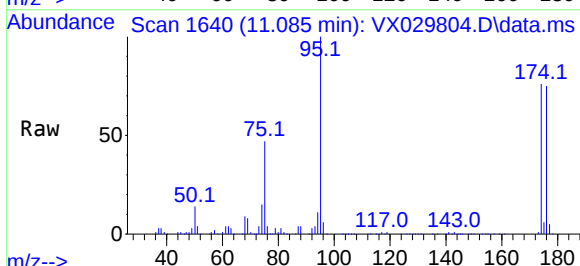
Tgt Ion: 95 Resp: 170851

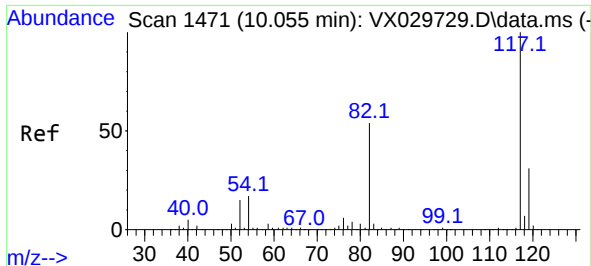
Ion Ratio Lower Upper

95 100

174 74.0 0.0 163.0

176 71.1 0.0 155.0

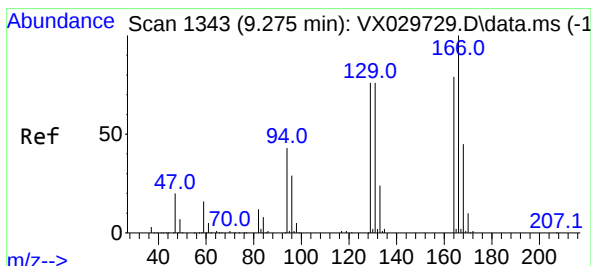
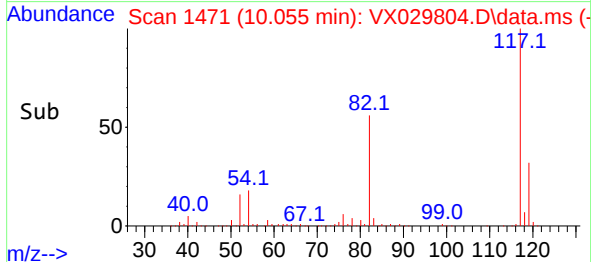
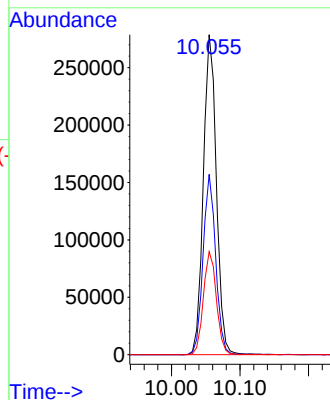
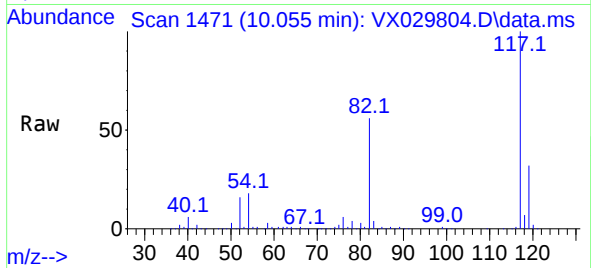




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

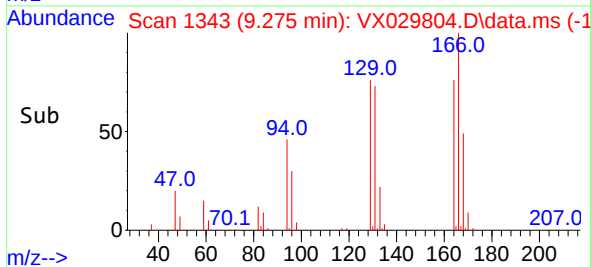
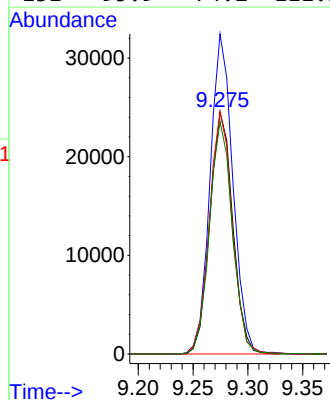
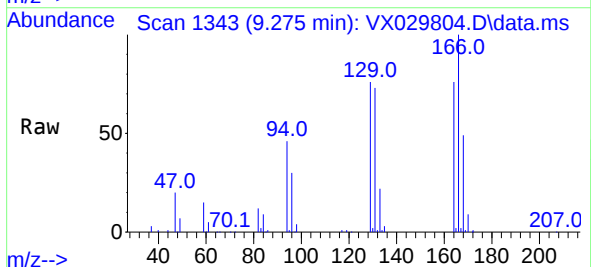
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

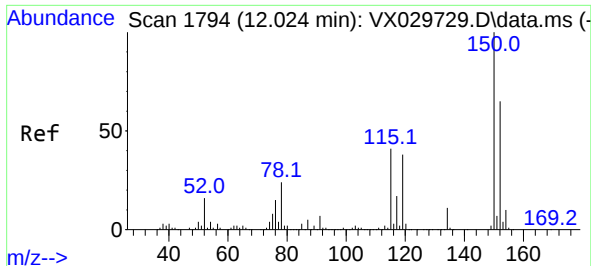
Tgt Ion:117 Resp: 369315
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 13.363 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

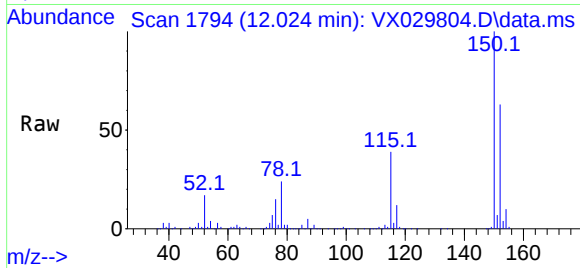
Tgt Ion:164 Resp: 35689
Ion Ratio Lower Upper
164 100
166 132.2 101.2 151.8
129 100.0 73.0 109.4
131 95.9 74.2 111.2



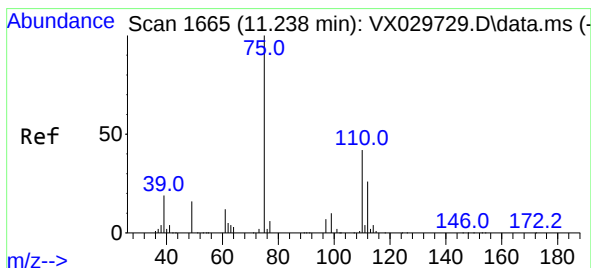
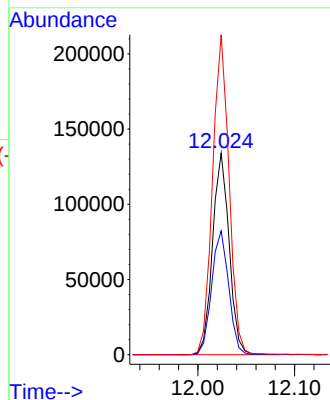
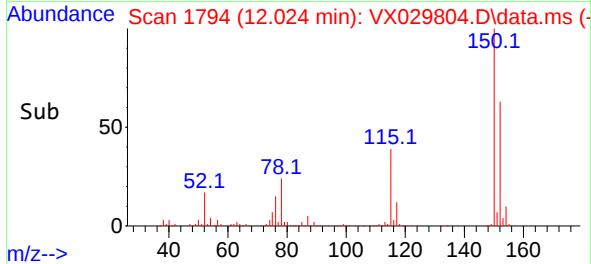


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616

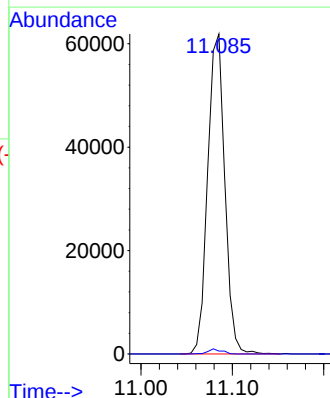
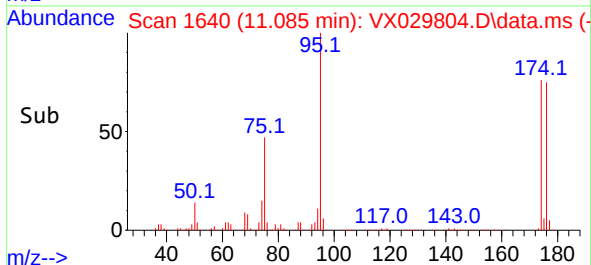
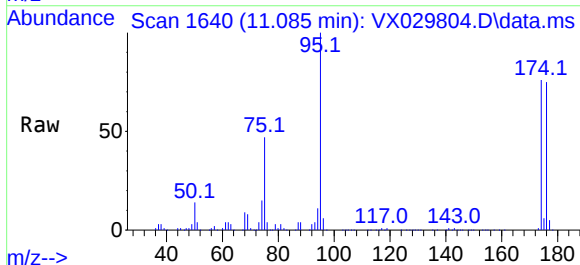


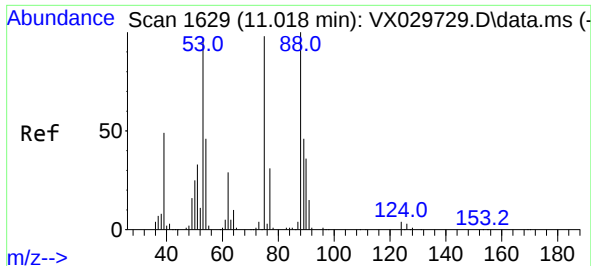
Tgt Ion:152 Resp: 159744
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 158.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.081 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

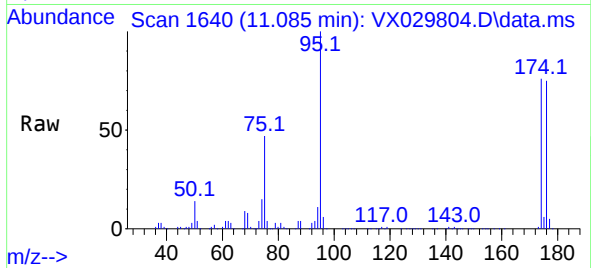
Tgt Ion: 75 Resp: 80323
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.785 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029804.D
Acq: 25 Jun 2022 07:00

Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220616



Tgt Ion: 75 Resp: 80323
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

